

AMENDMENTS TO THE CLAIMS

This Listing of Claims will replace all prior versions and listings of claims in this application.

Please cancel claim 3 without prejudice or disclaimer.

Listing of Claims:

1. (Currently Amended) A method for producing a resin fine particle, which comprises a step 1 of heating and/or pressurizing a mixture of a resin and a fluid in an air-tight state, wherein the fluid contains a substance that is present in a liquid form at a normal temperature and normal pressure, and , wherein the resin is not dissolved in a normal temperature and normal pressure such that one component of the fluid reaches a supercritical state or subcritical state, and

a step 2 of decreasing the temperature and the pressure of the fluid to a normal temperature and a normal pressure, while maintaining an air-tight state, to thereby form a suspension of the resin fine particle, and

recovering the resin fine particle from the suspension of the resin fine particle.

2. (Withdrawn) A method for producing a resin fine particle, which comprises a step 1 of air-tightly sealing a mixture of a resin and a fluid in which the resin is not dissolved in a normal temperature and normal pressure in a pressure resistant container and heating the pressure resistant container for making at least one component of the fluid supercritical state or subcritical state and a step 2 of quenching the pressure resistant container for releasing the pressure.

3. (Cancelled)

4. (Previously Presented) The method for producing a resin fine particle according to claim 1, wherein the fluid contains water and/or alcohol.

5. (Previously Presented) The method for producing a resin fine particle according to claim 1, wherein the resin is a recycled one.

6. (Previously Presented) A resin fine particle, which is obtained by the method for producing a resin fine particle according to claim 1.

7. (Original) The resin fine particle according to claim 6, wherein the particle diameter is 1 μm or smaller.

8. (Previously Presented) The resin fine particle according to claim 6, wherein the CV value of the particle diameter is 5% or lower.

9. (Previously Presented) The resin fine particle according to claim 6, wherein the sphericity is 1.25 or lower.

10. (Withdrawn) A polyolefin resin fine particle which comprises a polyolefin resin having a weight average molecular weight of 200,000 or higher.

11. (Withdrawn) The polyolefin resin fine particle according to claim 10, wherein the weight average molecular weight of the polyolefin resin is 1,000,000 or higher.

12. (Withdrawn) A polyolefin resin fine particle, which comprises a polyolefin resin having an MI value of 10 or lower.

13. (Withdrawn) The polyolefin resin fine particle according to claim 10, wherein the polyolefin resin contains neither a surfactant nor a suspension stabilizer.

14. (Withdrawn) A polyester resin fine particle, which comprises an un-crosslinked polyester resin.

15. (Withdrawn) The polyester resin fine particle according to claim 14, wherein the polyester resin contains neither a surfactant nor a suspension stabilizer.

16. (Withdrawn) An acrylic resin fine particle, which contains neither a surfactant nor a suspension stabilizer.

17. (Withdrawn) The acrylic fine particle according to claim 16, which contains neither a sulfonium salt nor a sulfate acid salt.

18. (Withdrawn) The acrylic resin fine particle according to claim 16, wherein the acrylic resin is obtained by polymerizing poly(methyl methacrylate).

19. (Withdrawn) The method for producing a resin fine particle according to claim 2, wherein the fluid contains a substance that is present in a liquid form at a normal temperature and normal pressure.

20. (Cancelled)

21. (Currently Amended) The A method for producing a resin fine particle according to claim 1, which comprises

a step 1 of air-tightly sealing a mixture of a resin and a fluid in which the resin is not dissolved in a normal temperature and normal pressure in a pressure resistant container and heating and pressurizing the pressure resistant container for making at least one component of the fluid supercritical state or subcritical state

and a step 2 of quenching the pressure resistant container for releasing the pressure ,to thereby form a suspension of the resin fine particle, and

recovering the resin fine particle from the suspension of the resin fine particle.